

SOUTH PRODUCTION NOTES

Dec 23, 2015
3-11 Shift Notes

BASF EMPLOYEES

32 Last Recordable
87 Last Lost time

SAFETY Notes: Any hole in the floor must be protected when work is being done in that area. Typically all holes must have a cover to prevent an accidental fall through the opening.

Title V Notes: Trimer – Trimer is on ORP. The Chem tank reading should be recorded on the log sheet for each tank refill so we can gauge when a drum will need to be dumped. See your Group Leader if you have any questions.

CTO – Continue to stay above 25% SP or it will kick out

#1 MED / D 0703:

Fired back up on day shift after repairs were made. We will need to make a partial batch at the end of this run to MT out the powder stations as needed.

Do not increase the temperature on the dryer above 130. Nox will come off of the dryer. Dryer Thermocouple was looked at and it appears to be reading the correct temps. Maintenance is still looking into the issue.

Do not increase the speed on the extruder to above 60 hz until IMC can correct the issue.

We need to add the 5 pounds of Methocell by hand to the mixer due to the minors station low level probe missing. WOW to have it replaced.

#1 RC / D 0703:

Still having issues with the temp controller. We are not able to reach the needed temps. Maintenance is working on it today and hopefully will have it fixed soon.

As soon as we can increase the temps we need to calcine all of the 0703. We will hold off making the next batch on the west pfadler until we are finished with this product on the Trimer.

Also did not look like it was controlling very well. WOW to T/S after it is relit.

#2 MED line / Styrene next

Line has been cleaned pretty well without water. Justin will determine next week if we need to use water.

Changing out plows on mixer today.

WOW for changing out extruder barrel liners.

Powder room scales have been calibrated.

#2 RC/ Selexorb:

Continue. Switched to bags on the end of midnight shift.

New MOD in the control room.

Note the SAP # changes when we switch over to bags after the drum order is filled. Watch closely for any color change in material and report it to engineer.

There is a drum of material from the side door cleanout on #3 that will need to be fed to the calciner as well as all oversized material on calciner #2.

#3 MED line / AL 3945:

It looks like the liquid scale issues have been worked out. Please keep a close eye on the ammonia and nitric additions over the next few shifts.

We will make 4 batches total, and then hold for batch modifications.

Need to put a guard on the drive chain for the DC rotolock.

#3 RC / AL-3945:

Starting up the calciner on day shift. As soon as we get the 4 batches finished we need to see if we can get the calciner running. We are still having issues with running 2/3 calciners to the CTO at the same time.

Need to know why the discharge scale is caution taped off 'for cutting'?

WOW for F1 valve air leak. Maintenance to repair soon.

Cutter disconnect hammer was fixed so that a LOTO could be performed. WOW to replace.

#4 RC / Cu-0226:

Oversized material has been fed. We are holding for the next material.

Determined that we do not need to clean for the next run. There is one bag of the next size material that has been repacked and is staged by #4 RC. Hold this bag until we start up the next run.

WOW for page to make a new drum lid for the filling station. We stole one from the North end so that we can start.

#5 RC / Catoxid next:

Working on cleaning the calciner out today. Calciner is being washed.

We should be able to start running batches on the PK as early as tomorrow. So we need to try and be ready with the calciner soon.

Discharge vacumax cartridges have been changed,

Feed vacumax filters have been changed.

5A and 5B DCs are cleaned and have been put together.

Continue to clean per instructions on cleaning sheet.

#6 RC & Dryer / D 1781:

Continue to run. All issues will be a call out and watch feed rates

Feed rates are currently at their max with this product. A lot of material is falling off the back of the calciner when we try to increase the feed.

All buggies need to be scraped out and fed to the calciner as they come off. They also need to be washed out.

There are 4/5 drums off the feed end of the calciner that need to be refed. Day shift was taking them to the second floor to be fed through the floor at the end of the run.

The drum next to the check weigh scale will also need to be fed back to the calciner.

Every individual drum needs checked weighted at scale in 31 and recorded on check weigh sheet. We have been doing a good job with this please continue. WOW for scale head issues and static build up.

West Pfaudler / D 4601

2nd impreg done on nights. Continuing to dry. Unload batch and hold if #1 calciner is running. We will cut in and calcine the 0703 on #1 line and then come back and make more batches.

East Pfaudler/ D-1781:

**Lid has been pulled and pfaudler/hopper have been washed out. We need to clean out system asap. Sheet is in GL's office.
Remember to get samples of drainage.**

6 Tank: Tank empty

Valve fixed. There was a screen and band clamp in the valve

7 Tank: D-0226 Solution

**Pumped out the solution in this tank on Sunday. We have 2 totes worth on the 2nd floor to be used in the next run.
Valve repaired.**

National Dryer / D-5206.

Schirmer finished soda blasting. Hold for next product.

PK Blender / Zr 0403 pill mix

Continue making batches. We only need to fill the MT totes in building 7, approx. 4 more batches.

We will then need to wash out blender and set up for running Catoxid on Thursday morning.

Dust collector can be blown down by switching the magnahelic gauge to 0 and then shutting off the blower when it starts to blow down.

DC gauge has been added to the Wonderware and has been moved over to near the weight tank.

Gauge should be set at 3.5 and 4.25

Abbe Blender / D 5206:

HF tote has been closed up and Abbe lid was remove and vessel cleaned out. Day shift reinstalled cover plates over open hole in floor.

Tower 3 / AI 5645:

Done with testing do not need to staff

Tower 6 / AI 5645:

Done with testing do not need to staff.

Repacking in screening room – E 474 next:

Done with 75 drums that were brought here on Friday.

North Screener / DPT-0101:

Cleaning??

South Screener / DPT-0101:

Cleaning??

#2662 (west) Pill Machine /

Back together and holding.

#2664 (east) Pill Machine /

Back together and holding.

TK #2 / down:

Unloaded all cars for refractory repairs.

TK #4 / Cu 2508:

Continue running.

Inspected loading method and operators should not be stabbing material to try to break up. They need to take shallower scoops and the material will scoop fine.

We have changed over to a seven sagger configuration and loading five in order to get the material to fire properly. Some of the brick at zone 3 have fallen out, we will need to inspect.

Milling V 2046: N/A

Harrop Kiln / AI 3920:

All material is finished. Need to evaluate if we can rebuild the cars while it is down.

Building 27 Belt Filter / Cu-5020:

Continue making batches. Batch with 'low' copper looks to be ok.

The north end is going to start calcination on Saturday so we need to get as far ahead of them as we can this week.

Operators are to transfer bags to the building 25 and stage in bag order.

Watch for copper crystals in the bottom of totes.

Glycol pump was pulled and will be sent out to be repaired.

PRODUCTION PRIORITIES:

Items 1-8 should be considered call out. I also attached what I think the lines should look like the next few weeks considering Nox scrubbing, quantities to make and shipments.

- 1) #6RC/East Pfaudler – Continue with ICR 432v2LAQ – see comment below on valve repairs
- 2) West Pfaudler – Continue with Cu-0226 spheres – both sizes need to get complete by December 14th so rate needs to be good (about 13 batches between both sizes)
- 3) #5 RC/Trimer – Continue with 6081
- 4) South Precip/Dry – Change over for S1-81 trial to start on Monday
- 5) Abbe/National Dryer - Run as qualified labor is available - use up all HF available
- 6) RC 1 – Finish AI-5637 then go to refires, ART base next
- 7) MED 3 – Finish AI-5637 then clean line for AL -3945 on Line and on RC 3 (check blank on line to RC)
- 8) RC 4 – finish D-5206 (~15K), then clean line for Cu-0226
- 9) RC 2 when RC repair is done Dec 7 run out D-0768 then clean for Selexsorb
- 10) MED 1 – Finish prep for ART base

Equipment	7-Dec	14-Dec	21-Dec	28-Dec	Nox Control	
RC 4	Cu-0226	Cu-0226			Trimer	Go ahead and clean 4 once done with D-5206. 12/ 15 Cu-0226 ship date
RC 5	6081	6081	catoxid?	catoxid?	Trimer	keep 6081 hi priority
RC 6	ICR 432v2	ICR 419	ICR 424	ICR 424	CTO	
MED 1	Cleaning	ART base			Trimer	Get Ready for ART base
West Pfaudler	Cu-0226	D 4601	D 4601	D 4601	Trimer	
MED 2	MT D0768	Selexsorb	Selexsorb		CTO	12/24 ship date Selexsorb
MED 3	AI-3945	AI-3945	AI-3945		CTO	Clean MED line for AI-3945 next week